

Phase of the Moon for the Month of April, 1877.

Prepared by Capt. David Smith, Harbormaster.

HONOLULU MEANTIME.

2nd Last Quarter	3 58 4 1
1st Last Quarter	7 38 4 1
20th Full Moon	9 5 3 1
21st Full Moon	9 4 2 1

TIDE SUN RISING AND SETTING.

1st Sun Rises 1 34 2 A.M. Sets 4 12 2 P.M.

2nd Sun Rises 2 44 2 A.M. Sets 5 16 2 P.M.

3rd Sun Rises 3 44 2 A.M. Sets 6 18 2 P.M.

4th Sun Rises 4 34 2 A.M. Sets 7 10 2 P.M.

5th Sun Rises 5 24 2 A.M. Sets 8 12 2 P.M.

6th Sun Rises 6 14 2 A.M. Sets 9 14 2 P.M.

7th Sun Rises 7 3 2 A.M. Sets 10 16 2 P.M.

8th Sun Rises 8 13 2 A.M. Sets 11 18 2 P.M.

9th Sun Rises 9 23 2 A.M. Sets 12 20 2 P.M.

10th Sun Rises 10 12 2 A.M. Sets 1 1 2 P.M.

11th Sun Rises 10 22 2 A.M. Sets 1 13 2 P.M.

12th Sun Rises 11 11 2 A.M. Sets 1 14 2 P.M.

13th Sun Rises 11 21 2 A.M. Sets 1 15 2 P.M.

14th Sun Rises 12 10 2 A.M. Sets 1 16 2 P.M.

15th Sun Rises 12 29 2 A.M. Sets 1 17 2 P.M.

16th Sun Rises 1 18 2 A.M. Sets 1 18 2 P.M.

17th Sun Rises 1 28 2 A.M. Sets 1 19 2 P.M.

18th Sun Rises 2 7 2 A.M. Sets 1 20 2 P.M.

19th Sun Rises 2 17 2 A.M. Sets 1 21 2 P.M.

20th Sun Rises 2 26 2 A.M. Sets 1 22 2 P.M.

21st Sun Rises 3 5 2 A.M. Sets 1 23 2 P.M.

22nd Sun Rises 3 14 2 A.M. Sets 1 24 2 P.M.

23rd Sun Rises 3 23 2 A.M. Sets 1 25 2 P.M.

24th Sun Rises 3 32 2 A.M. Sets 1 26 2 P.M.

25th Sun Rises 4 11 2 A.M. Sets 1 27 2 P.M.

26th Sun Rises 4 20 2 A.M. Sets 1 28 2 P.M.

27th Sun Rises 4 29 2 A.M. Sets 1 29 2 P.M.

28th Sun Rises 5 8 2 A.M. Sets 1 30 2 P.M.

29th Sun Rises 5 17 2 A.M. Sets 1 31 2 P.M.

30th Sun Rises 5 26 2 A.M. Sets 2 1 2 P.M.

31st Sun Rises 6 4 2 A.M. Sets 2 2 2 P.M.

1st Sun Rises 6 13 2 A.M. Sets 2 3 2 P.M.

2nd Sun Rises 6 22 2 A.M. Sets 2 4 2 P.M.

3rd Sun Rises 6 31 2 A.M. Sets 2 5 2 P.M.

4th Sun Rises 7 10 2 A.M. Sets 2 6 2 P.M.

5th Sun Rises 7 19 2 A.M. Sets 2 7 2 P.M.

6th Sun Rises 7 28 2 A.M. Sets 2 8 2 P.M.

7th Sun Rises 8 6 2 A.M. Sets 2 9 2 P.M.

8th Sun Rises 8 15 2 A.M. Sets 2 10 2 P.M.

9th Sun Rises 8 24 2 A.M. Sets 2 11 2 P.M.

10th Sun Rises 8 33 2 A.M. Sets 2 12 2 P.M.

11th Sun Rises 9 1 2 A.M. Sets 2 13 2 P.M.

12th Sun Rises 9 10 2 A.M. Sets 2 14 2 P.M.

13th Sun Rises 9 19 2 A.M. Sets 2 15 2 P.M.

14th Sun Rises 9 28 2 A.M. Sets 2 16 2 P.M.

15th Sun Rises 10 7 2 A.M. Sets 2 17 2 P.M.

16th Sun Rises 10 16 2 A.M. Sets 2 18 2 P.M.

17th Sun Rises 10 25 2 A.M. Sets 2 19 2 P.M.

18th Sun Rises 11 3 2 A.M. Sets 2 20 2 P.M.

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23rd Sun Rises 12 19 2 A.M. Sets 2 25 2 P.M.

24th Sun Rises 1 7 2 A.M. Sets 2 26 2 P.M.

25th Sun Rises 1 16 2 A.M. Sets 2 27 2 P.M.

26th Sun Rises 1 25 2 A.M. Sets 2 28 2 P.M.

27th Sun Rises 1 34 2 A.M. Sets 2 29 2 P.M.

28th Sun Rises 2 2 2 A.M. Sets 2 30 2 P.M.

29th Sun Rises 2 11 2 A.M. Sets 2 31 2 P.M.

30th Sun Rises 2 20 2 A.M. Sets 3 1 2 P.M.

31st Sun Rises 2 29 2 A.M. Sets 3 2 2 P.M.

1st Sun Rises 3 8 2 A.M. Sets 3 3 2 P.M.

2nd Sun Rises 3 17 2 A.M. Sets 3 4 2 P.M.

3rd Sun Rises 3 26 2 A.M. Sets 3 5 2 P.M.

4th Sun Rises 4 4 2 A.M. Sets 3 6 2 P.M.

5th Sun Rises 4 13 2 A.M. Sets 3 7 2 P.M.

6th Sun Rises 4 22 2 A.M. Sets 3 8 2 P.M.

7th Sun Rises 4 31 2 A.M. Sets 3 9 2 P.M.

8th Sun Rises 5 10 2 A.M. Sets 3 10 2 P.M.

9th Sun Rises 5 19 2 A.M. Sets 3 11 2 P.M.

10th Sun Rises 5 28 2 A.M. Sets 3 12 2 P.M.

11th Sun Rises 6 6 2 A.M. Sets 3 13 2 P.M.

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4th Sun Rises 1 16 2 A.M. Sets 4 6 2 P.M.

5th Sun Rises 1 25 2 A.M. Sets 4 7 2 P.M.

6th Sun Rises 2 3 2 A.M. Sets 4 8 2 P.M.

7th Sun Rises 2 12 2 A.M. Sets 4 9 2 P.M.

8th Sun Rises 2 21 2 A.M. Sets 4 10 2 P.M.

9th Sun Rises 2 30 2 A.M. Sets 4 11 2 P.M.

10th Sun Rises 3 8 2 A.M. Sets 4 12 2 P.M.

11th Sun Rises 3 17 2 A.M. Sets 4 13 2 P.M.

12th Sun Rises 3 26 2 A.M. Sets 4 14 2 P.M.

13th Sun Rises 4 4 2 A.M. Sets 4 15 2 P.M.

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31st Sun Rises 9 12 2 A.M. Sets 5 2 2 P.M.

1st Sun Rises 9 21 2 A.M. Sets 5 3 2 P.M.

2nd Sun Rises 9 30 2 A.M. Sets 5 4 2 P.M.

3rd Sun